

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053176A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C04B41/49 C04B41/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/203117 A1 (BARTKOWIAK BERND ET AL) 30 October 2003 (2003-10-30) cited in the application	1-4,7-15
Y	example 7	5,6
Y	US 5 798 415 A (CORPART ET AL) 25 August 1998 (1998-08-25) cited in the application	5,6
A	claims examples	1,2, 7-11, 13-15
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

8 March 2005

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21/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/037370 A1 (BARTKOWIAK BERND ET AL) 28 March 2002 (2002-03-28) cited in the application claims examples	1-4, 7-11, 13-15
A	DE 198 57 105 A1 (DR. RUESGES GMBH) 15 June 2000 (2000-06-15) claims 1,4 column 2, line 44 - line 46 column 2, line 55 - line 63	1-15

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003203117	A1	30-10-2003	DE	10218871 A1	13-11-2003
			EP	1358946 A1	05-11-2003
			JP	2004043289 A	12-02-2004
US 5798415	A	25-08-1998	FR	2727417 A1	31-05-1996
			AT	158313 T	15-10-1997
			CA	2163712 A1	30-05-1996
			CN	1131679 A	25-09-1996
			DE	69500730 D1	23-10-1997
			DE	69500730 T2	26-03-1998
			EP	0714921 A1	05-06-1996
			ES	2109065 T3	01-01-1998
			JP	8225620 A	03-09-1996
US 2002037370	A1	28-03-2002	DE	10049153 A1	11-04-2002
			EP	1193302 A2	03-04-2002
			JP	2002179480 A	26-06-2002
DE 19857105	A1	15-06-2000	NONE		